

Remark

Applicants respectfully request reconsideration of this application as amended. Claims 1-2, 4-5, 8-13, 15, 24, 28-34 and 36-37 have been amended. No Claims have been cancelled. Therefore, claims 1-37 are present for examination.

Claim Objections

The Examiner objected to Claim 4 for an informality. The claims have been corrected.

35 U.S.C. §102 Rejection*Weiser*

The Examiner has rejected claim 1 under 35 U.S.C. §102 (b) as being anticipated by Weiser, et al., ("Weiser") U.S. Patent No. 5,982,520. Weiser describes a device that is designed simply for the transfer of data and information (see Summary and use examples at Col. 4, lines 44-46. While "the processor is capable of running small programs or applications" (Col. 5, lines 5-6), these are not described. While "processing speed is determined by processor clock rate, and processing may be intermittent to reduce power consumption" (Col. 5, lines 6-8), only two operational modes are described, power-down mode and powered-up state (Col. 7, lines 42 et seq.). It seems that in the power-down mode, the processor can detect the system switches and wake up. In powered-up state it runs at full power.

The present application presents a mobile device that runs in at least six different power states as shown in Figure 3. Some aspects of these states have been introduced into Claim 1. Claim 1 has been amended to recite, for example, "the controller including a processor that operates in a standby mode when the device is not being used, and a first and a second active mode, the

processor being configured to have greater processing capabilities in the second active mode."

These limitations are taken substantially from Claims 8 and 9 and are not believed to raise any new issues that might require further search and consideration.

Applicants respectfully submit that Weiser neither teaches nor suggests the use of two active modes and a standby mode. The Examiner has cited Col. 7, lines 40-65 of Weiser against Claims 8 and 9, however, this section does not suggest the three modes of Claim 1, as amended. This section describes only two modes, power-down and powered up and describes switching between the two modes.

Similar amendments have been made to Claims 15 and 28 which are believed to be allowable on the same grounds provided above with respect to Claim 1. The remaining claims are dependent on one of Claims 1, 15, or 28 and are believed to be allowable therefor as well as for the limitations expressly set forth in each claim, respectively.

35 U.S.C. §103 Rejection

Weiser in view of Barnard

The Examiner has rejected claims 4, 5, and 21-23 under 35 U.S.C. §103 (a) as being unpatentable over Weiser in view of Barnard, ("Barnard") U.S. Patent No. 6,456,938. Barnard is not cited for and does not teach or suggest a controller including a processor that operates in a standby mode when the device is not being used, and a first and a second active mode, the processor being configured to have greater processing capabilities in the second active mode, as discussed above. Accordingly, this rejection is respectfully traversed.

Conclusion

Applicants respectfully submit that the rejections have been overcome by the amendment and remark, and that the claims as amended are now in condition for allowance. Accordingly, Applicants respectfully request the rejections be withdrawn and the claims as amended be allowed.

Invitation for a Telephone Interview

The Examiner is requested to call the undersigned at (303) 740-1980 if there remains any issue with allowance of the case.

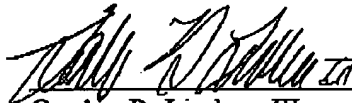
Request for an Extension of Time

Applicants respectfully petition for a One-Month extension of time to respond to the outstanding Office Action pursuant to 37 C.F.R. § 1.136(a). Please charge our Deposit Account No. 02-2666 to cover the necessary fee under 37 C.F.R. § 1.17(a) for such an extension.

Please charge any shortage to our Deposit Account No. 02-2666.

Respectfully submitted,
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Date: July 18, 2005


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Attorney Docket No. 42390P12017
Application No. 10/025,266

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